

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0551 Pearson

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Left | 6.78 | 04/06/2017 04/06/2017 | Herman Phillips |

| | | | | | |
|---|--------------------------------|--------------|------------------------|------------|----|
| LM Start | | Rating ** | A | Issue No. | 3 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Emergency Supplies & Equipment | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD0551_01_s_2012_3 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| District has emergency supplies stored in locked container near Courtland's fire house. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|------------------------|------------|----|
| LM Start | | Rating ** | A | Issue No. | 15 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flood Preparedness & Training | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD0551_01_s_2012_15 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| District has been trained in Flood Fight Methods | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

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|--|----------------------------------|--------------|------------------------|------------|-----------|
| LM Start | | Rating ** | A | Issue No. | 23 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operations & Maintenance Manuals | | | ° | ° |
| | | | ° | | ° |
| DWR ID | DWR_RD0551_01_s_2012_23 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| District has O&M Manual on hand and stored with flood fight materials. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.03 | Rating ** | M | Issue No. | 18 |
| LM End | 6.77 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.335987 ° | 38.258998 ° | |
| | | | -121.564827 ° | -121.517930 ° | |
| DWR ID | DWR_RD0551_01_s_2017_18 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the weed growth on the waterside levee slope. | | | | | |

Photo 1 of 1 : SP_2017_RD0551_175_18_20170410_00037.jpg



Levee mile 0.00 looking downstream waterside levee slope.

| | | | | | |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.03 | Rating ** | M | Issue No. | 17 |
| LM End | 0.39 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.335987 ° | 38.332255 ° | |
| | | | -121.564830 ° | -121.569462 ° | |
| DWR ID | DWR_RD0551_01_s_2017_17 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the weeds and annual grass growth on the landside levee slope. | | | | | |

Photo 1 of 1 : SP_2017_RD0551_175_17_20170410_00038.jpg



Looking downstream at the landside levee slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.36 | Rating ** | U | Issue No. | 25 |
| LM End | 0.36 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 38.332577 ° | 38.332577 ° |
| | | | | -121.569125 ° | -121.569125 ° |
| DWR ID | DWR_RD0551_01_s_2017_25 | | | | |
| Comment Code | | | | | |
| E2 : Schedule repair of erosion site prior to the next inspection. | | | | | |
| Inspector Comment | | | | | |
| This erosion was discovered by the property owner during the Feb 2017 Storm event Mr. Tony of Tony's Market Courtland Ca. It was brought to our attention during this Spring inspection 4-06-2017. | | | | | |

Photo 1 of 3 : SP_2017_RD0551_175_25_20170410_00039.jpg



From landside standing North of erosion. The concrete footing is being undermined.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.36 | Rating ** | U | Issue No. | 25 (cont) |
| LM End | 0.36 | Issue Type + | Ma | Location * | LS |

Photo 2 of 3 : SP_2017_RD0551_175_25_20170410_00040.jpg



Standing on the shoulder North of the eroded slope looking downstream of slope.

| | | | | | |
|---|--|--|--|--|--|
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|--|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.36 | Rating ** | U | Issue No. | 25 (cont) | |
| LM End | 0.36 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Erosion / Bank Caving | | | 38.332577 ° | 38.332577 ° | |
| | | | | -121.569125 ° | -121.569125 ° | |
| DWR ID | DWR_RD0551_01_s_2017_25 | | | | | |
| Comment Code | | | | | | |
| E2 : Schedule repair of erosion site prior to the next inspection. | | | | | | |
| Inspector Comment | | | | | | |
| This erosion was discovered by the property owner during the Feb 2017 Storm event Mr. Tony of Tony's Market Courtland Ca. It was brought to our attention during this Spring inspection 4-06-2017. | | | | | | |

Photo 3 of 3 : SP_2017_RD0551_175_25_20170410_00041.jpg



Standing south of the eroded slope looking upstream. The cut is 3 foot deep and 6 foot wide.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.47 | Rating ** | M | Issue No. | 19 |
| LM End | 6.77 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.331300 ° | 38.258998 ° |
| | | | | -121.570493 ° | -121.517930 ° |
| DWR ID | DWR_RD0551_01_s_2017_19 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the wild growth other than native grasses from the landside levee slope. | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
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| | | | | | |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.84 | Rating ** | M | Issue No. | 24 |
| LM End | 0.84 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 38.326772 ° | 38.326772 ° | |
| | | | -121.574108 ° | -121.574108 ° | |
| DWR ID | DWR_RD0551_01_s_2017_24 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| This fallen tree was partially cut up and removed from the levee shoulder by Caltrans, there is still material on the levee slope that needs removing. | | | | | |

No Photos

| | | |
|--|---|---|
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